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WHAT IS CLAIMED IS:

- 1 1. A [Cored] cored wire for introducing additives into a molten metal bath
2 comprising a wire core (6) having a metallic sheath (5) thereon containing an additive
3 [6], [this metallic sheath (5) being characterized in that it is covered by] and a
4 wrapping (7) [which,] around said sheath, said wrapping (6) being combustible
5 without leaving harmful residues, [momentarily] said wrapping adapted to
6 momentarily retard [the] propagation of heat to the wire core (6) [of the cored wire]
7 when introduced into the molten metal bath.
- 1 2. The [Cored] cored wire according to claim 1, [characterized in that the protective]
2 wherein wrapping (7) [is constituted by] comprises at least one layer (7A) of paper
3 wound around the metallic sheath (5).
- 1 3. The [Cored] cored wire according to claim 2, [characterized in that the] wherein
2 paper (7A) is a paper for [so-called] pyrotechnic applications.
- 1 4. The [Cored] cored wire according to claim 2, [characterized in that wherein the at
2 least one layer [or layers of the wrapping are constituted by one or several] comprises
3 at least one helical winding[s] of a strip of paper.
- 1 5. The [Cored] cored wire according to claim 4, [characterized in that] wherein the at
2 least one helical winding[s] [are] is arranged in more than one layer.
- 1 6. The [Cored] cored wire according to claim 4, [characterized in that] wherein the at
2 least one layer has a coating of varnish to provide an external fixation [of these layers
3 is achieved by applying a layer of varnish] of the layers.
- 1 7. The [Cored] cored wire according to claim 4, wherein [characterized in that] the
2 width of the strip is between five and forty centimeters.
- 1 8. The [Cored] cored wire according to claim 2, wherein [any of claims 2 through 8,
2 characterized in that] a protective metallic casing (10) disposed on top of the

3 combustible wrapping encloses the assembly formed [constituted] by the wire core (6)
4 [the additive], the metallic sheath (5), containing the additive, and the combustible
5 wrapping (7).

1 9. The cored wire according to claim 3, wherein a protective metallic casing (10)
2 disposed on top of the combustible wrapping encloses the assembly formed by the
3 wire core (6), the metallic sheath (5), containing the additive, and the combustible
4 wrapping (7).

1 10. The cored wire according to claim 4, wherein a protective metallic casing (10)
2 disposed on top of the combustible wrapping encloses the assembly formed by the
3 wire core (6), the metallic sheath (5), containing the additive, and the combustible
4 wrapping (7).

1 11. The cored wire according to claim 5, wherein a protective metallic casing (10)
2 disposed on top of the combustible wrapping encloses the assembly formed by the
3 wire core (6), the metallic sheath (5), containing the additive, and the combustible
4 wrapping (7).

1 12. The cored wire according to claim 6, wherein a protective metallic casing (10)
2 disposed on top of the combustible wrapping encloses the assembly formed by the
3 wire core (6), the metallic sheath (5), containing the additive, and the combustible
4 wrapping (7).

1 13. The cored wire according to claim 7, wherein a protective metallic casing (10)
2 disposed on top of the combustible wrapping encloses the assembly formed by the
3 wire core (6), the metallic sheath (5), containing the additive, and the combustible
4 wrapping (7).

1 14. The cored wire according to claim 8, wherein the protective metallic casing (10)
2 comprises a sheet whose edges are crimped to form a tubular element.

1 15. The cored wire according to claim 8, wherein the combustible wrapping (17) is
2 formed by a thick sheet applied at the same time as the protective metallic casing (10).